



Rural Power System Upgrades

CLARK'S POINT, ALASKA

ENVIRONMENTAL REVIEW RECORD

August 2019

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UMIAQ Project #70296.19

TABLE OF CONTENTS

Section 1 Village Data 1-1

Section 2 Project Identification 2-1

Section 3 Project Description 3-1

Section 4 Environmental Review Finding 4-1

Section 5 Environmental Assessment, Impact Categories 5-1

Section 6 Categorical Exclusion (CATEX) Checklist 6-1

Section 7 Statutory Worksheet 7-1

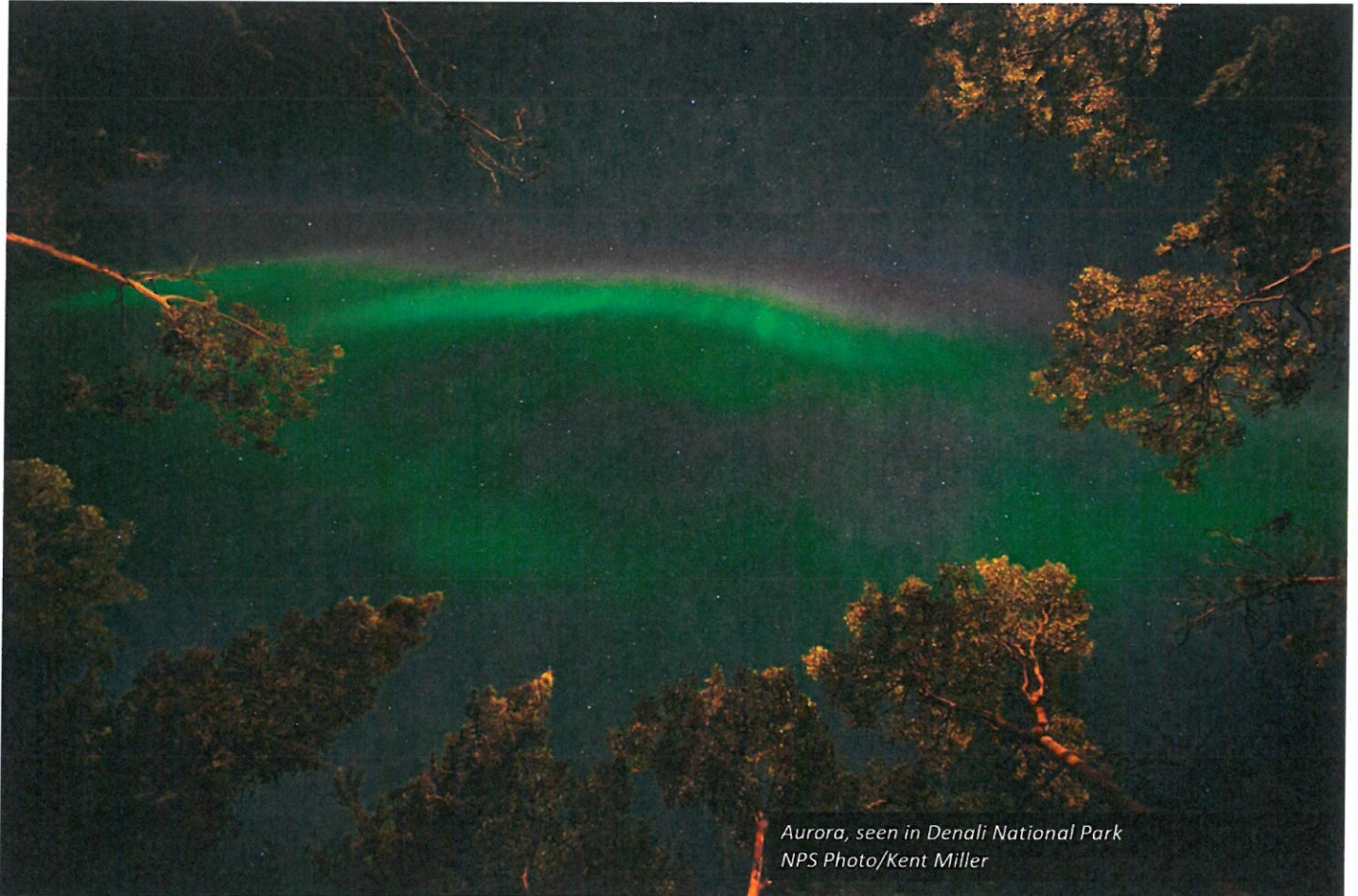
Section 8 Finding of No Significant Impact (FONSI) 8-1

Section 9 Wetlands Protection, U.S. Army Corps of Engineers Permit 9-1



Clark's Point, Alaska

*This story was made with [Esri's Story Map Journal](#).
Read the interactive version on the web at <https://arcg.is/154iz0>.*



Current Population: 54

Incorporation Date: 1971

Incorporation Type: 2nd Class City

Native Community Name: Saguyaq (Language: Central Yup'ik)

Native Community Name Translation: None

English Pronunciation: None

<i>Native Place Name Pronunciation:</i>	▶ 0:00 / 0:00 🔊 ⋮
<i>English Pronunciation:</i>	



Table of Contents [\(link available only in online story\)](#)

[Culture and History \(link available only in online story\)](#)

[Geography and Climate \(link available only in online story\)](#)

[Demographics \(link available only in online story\)](#)

[Transportation \(link available only in online story\)](#)

[Education \(link available only in online story\)](#)

[Municipal Officials \(link available only in online story\)](#)

[Economy \(link available only in online story\)](#)

[General Services \(link available only in online story\)](#)

[Utilities \(link available only in online story\)](#)

[ANCSA \(link available only in online story\)](#)

[Community Contacts \(link available only in online story\)](#)

[Business Licenses \(link available only in online story\)](#)

As you explore this storymap, you can click directly on map symbols and zoom around the map at any time to get more information about each item represented.

Culture and History



Esri, Garmin, FAO, NOAA, EPA | Esri, Garmin, FAO, NO...

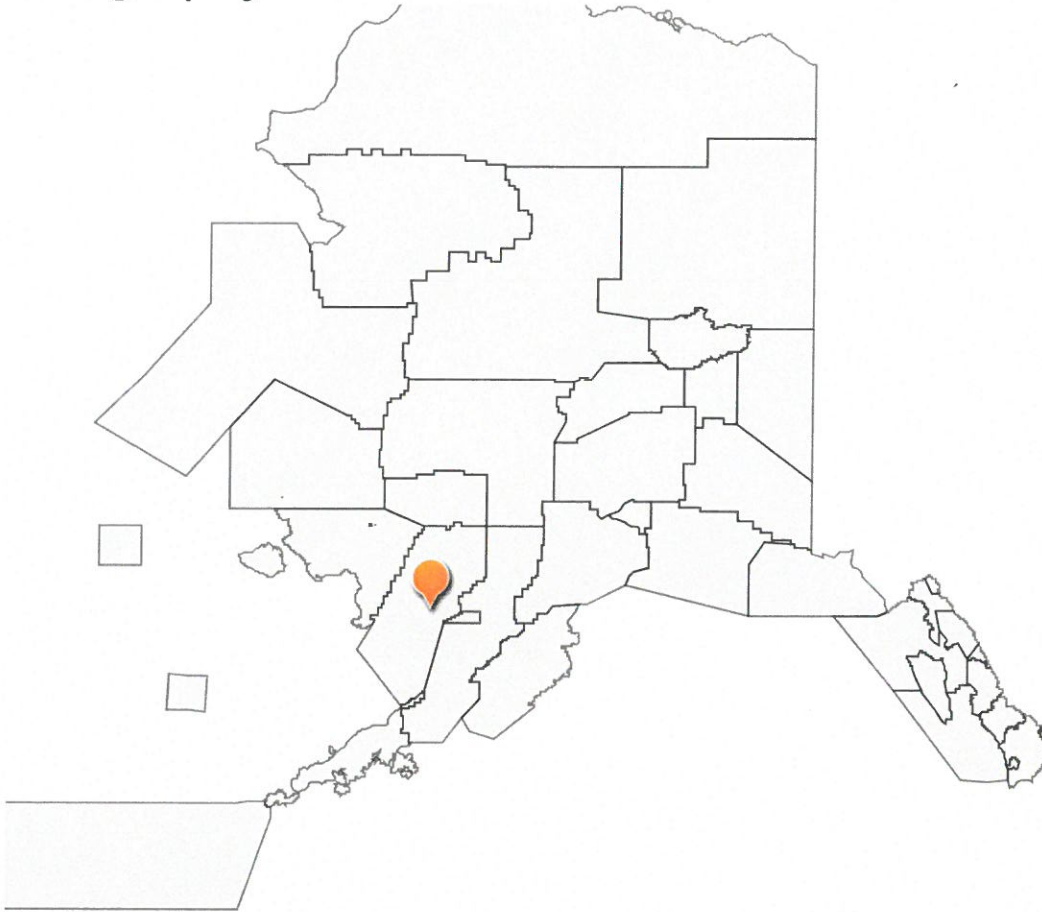


[Back to Table of Contents \(link available only in online story\)](#)

The point originally had an Eskimo name, "Saguyak," yet there is no evidence of a settlement at the site prior to the Nushagak Packing Company cannery, established in 1888. The community was named for John Clark, who was the manager of the Alaska Commercial Company store at Nushagak. Clark is reputed to have operated a saltery prior to the establishment of the cannery. In 1893 the cannery became a member of the Alaska Packers Association. In 1901 a two-line cannery was built. During World War II, the canning operation ceased, and only salting was done at Clark's Point. The plant was shut down permanently by 1952, and the Alaska Packers Association used the facility as the headquarters for its fishing fleet. In 1929, a major flood occurred. The city was incorporated in 1971. The village has been plagued by severe erosion. A housing project in 1982 was constructed on high and safe ground on the bluff.

The community was founded on fishing operations of non-Native settlers, although presently it is predominantly Yup'ik Eskimo. The population increases by about 300 in summer months due to the commercial fishery.

Geography and Climate



Esri, HERE, Garmin, FAO, NOAA, USGS, EPA | Esri, HER...



[Back to Table of Contents \(link available only in online story\)](#)

Latitude, Longitude: 58.8353, -158.5442

Clark's Point is located on a spit on the northeastern shore of Nushagak Bay, 15 miles from Dillingham and 337 miles southwest of Anchorage.

Climate: Clark's Point falls within the transitional climate zone, characterized by tundra interspersed with boreal forests, and weather patterns of long, cold winters and shorter, warm summers. Fog and low clouds are common during winter months. The Nushagak Bay is ice-free from June through mid-November.

Square Miles of Land: 3.1
Square Miles of Water: 0.9

Demographics



DCCED Certified Population

City Boundary



[Back to Table of Contents \(link available only in online story\)](#)

Every June the Commissioner of the Department of Commerce Community Economic Development certifies community population figures. If population data is available for this community, those figures are displayed in the map popup to the right.

Census Population Counts:

Census Year	Population
1880	0
1890	0
1900	0
1910	0
1920	0

1930	25
1940	22
1950	128
1960	138
1970	95
1980	79
1990	60
2000	75
2010	62

POPULATION COMPOSITION DATA:

The following population composition information comes from the American Community Survey.

Current Population by Race:

Race	Percent of Population
American Indian or AK Native	80.85%
Asian	0.0%
Black or African American	0.0%
Native Hawaiian or Pacific Islander	0.0%
White	0.0%
Other Race	0.0%
Two or More Races	19.15%

Current Population by Age:

Age	Percent of Population
Under 5 years of age	8.51%
5 to 9	0.0%
10 to 14	14.89%
15 to 19	6.38%
20 to 24	6.38%
25 to 34	4.26%
35 to 44	12.77%
45 to 54	12.77%
55 to 59	19.15%
60 to 64	10.64%

65 to 74	0.0%
75 to 84	4.26%
Over 85 years of age	0.0%

Current Population by Sex*:

Sex	Percent of Population
Male	65.96%
Female	34.04%










**From the US Census Bureau on sex versus gender: "In general discussions, the concept of gender is often confused with the concept of sex, and the terms are used interchangeably. The meanings of these two concepts are not the same: sex is based on the biological attributes of men and women (chromosomes, anatomy, hormones), while gender is a social construction whereby a society or culture assigns certain tendencies or behaviors to the labels of masculine or feminine."*

More information about population trends can be found [here](#).

Transportation



Roads

-  Bureau of Fish and Wildlife
-  Bureau of Indian Affairs
-  Bureau of Land Management
-  City or Municipal Highway Agency
-  County Highway Agency
-  National Park Service
-  Other
-  Other Federal Agency
-  Other Local Agency
-  Other Public Instrumentality (e.g., Airport, School, University)
-  Other State Agency
-  Private (other than Railroad)
-  Railroad
-  State Highway Agency
-  State Park, Forest, or Reservation Agency
-  U.S. Air Force
-  U.S. Army
-  U.S. Forest Service
-  <all other values>

Public Airports

-  AIRPORT
-  SEAPLANE BASE
-  HELIPORT

City Boundary

[Back to Table of Contents \(link available only in online story\)](#)

Air transport is the primary method of reaching Clark's Point. Regular and charter flights are available from Dillingham. There is a state-owned gravel runway, and float planes land on Nushagak River. Freight is brought by barge to Dillingham and then flown or lightered to the community. The only boat moorage is an undeveloped spit dock owned by the city; boats land on the beach. Trident Seafoods owns a private dock for vessels delivering landings. ATVs and snowmobiles are the primary means of local transportation. The fishing community of Ekuk and City of Dillingham are both within close proximity of Clark's Point, and residents regularly commute between them.

Click on the icons in the map to see specific information about each airport or ferry terminal.

Airport	Airport Code
Clarks Point Airport (link available only in online story)	CLP

More detailed information about Transportation in Alaska can be found [here](#).

Education



School Enrollment

City Boundary

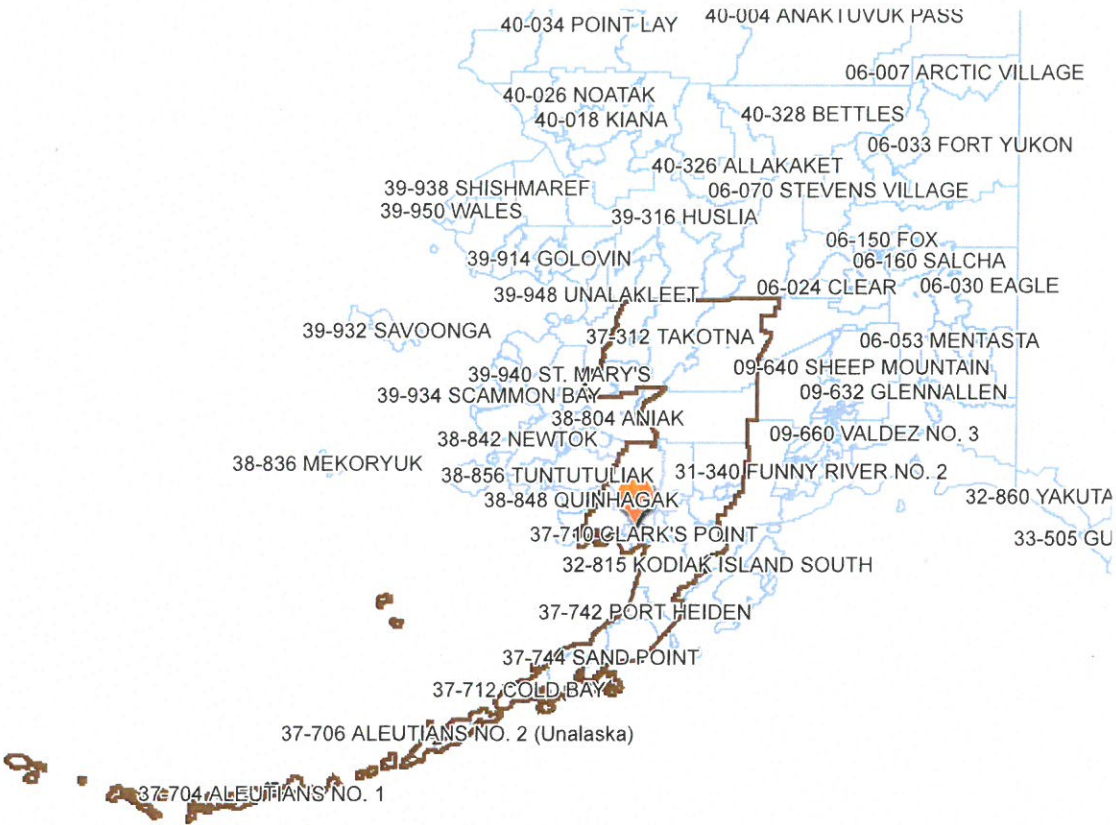


[Back to Table of Contents \(link available only in online story\)](#)

There are no schools currently open in Clark's Point

For more information about Alaska schools and education, click [here](#).

Municipal Officials



Esri, HERE, Garmin, FAO, NOAA, USGS, EPA 

Community Regions
Overview

House and Senate Districts

Precincts

[Back to Table of Contents \(link available only in online story\)](#)

Clark's Point is included in election region 4.

House District	Senate District	House Representative	Senator	District Description

37	S	Bryce Edgmon (I)	Lymon Hoffman (D)	Bristol Bay/Aleutians/Upper Kuskokwim
----	---	------------------	----------------------	--

Mayor	Term End Date
Joseph Wassily	10/31/2018

City Council:

City Council Member	Term End Date
Betty Gardiner	10/31/2018
Harry Wassily	10/31/2018
Henry Wassily, Sr.	10/31/2018
Joseph Wassily	10/31/2018
Judy George	10/31/2018
Karen Wassily	10/31/2018
Mariano Floresta	10/31/2018

City Planning Commission:

No data.

Borough Assembly:

No data.

Marijuana Restrictions: None**Alcohol Restrictions: None**

Economy



Community Regions Overview



[Back to Table of Contents \(link available only in online story\)](#)

Employment Rate: Employment data is currently unavailable for this community. %

Taxes:

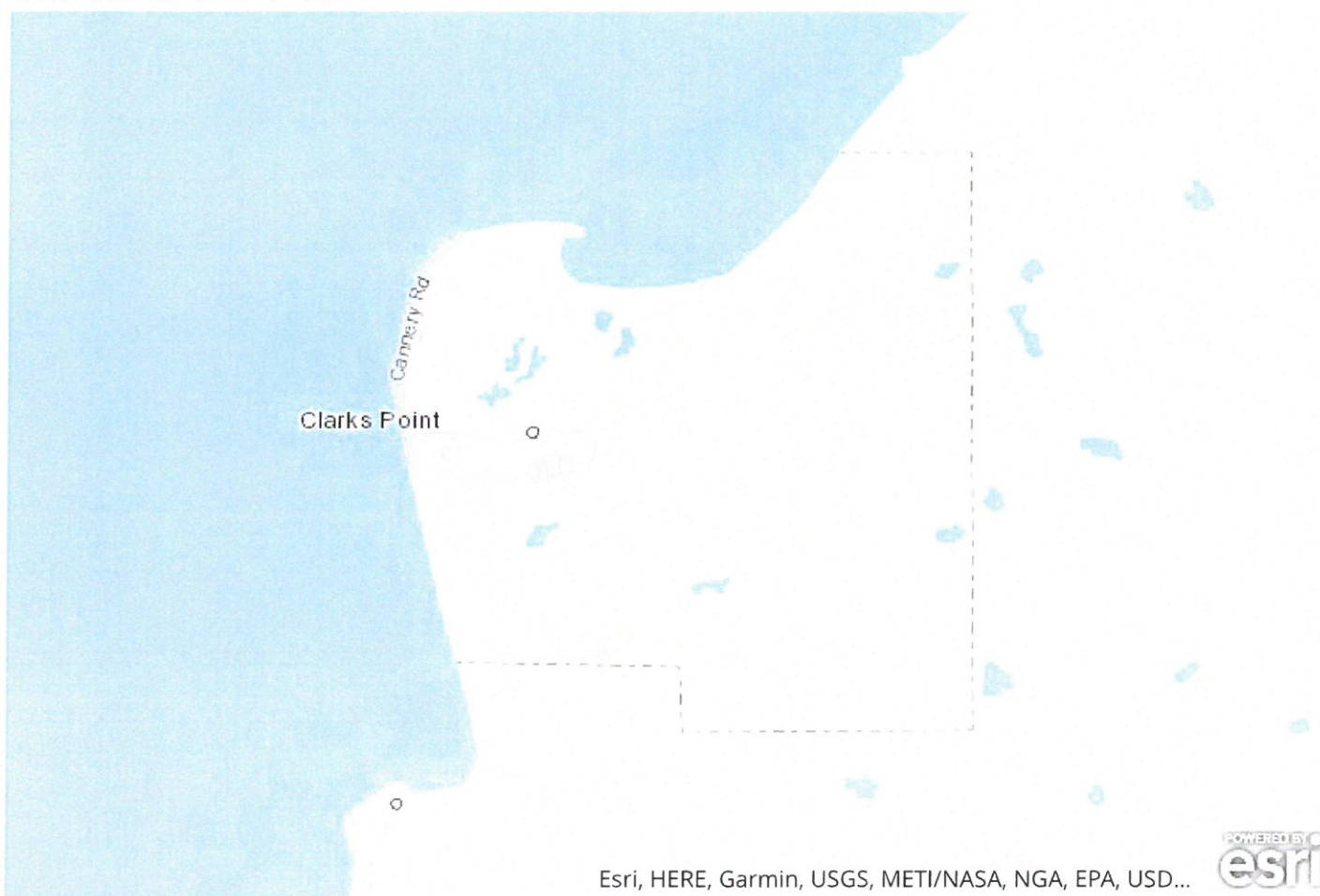
Property Tax Mills:	0
Sales Tax Rate:	0.06
Other Taxes:	None
Total Tax Revenue:	\$0
Sales Tax Revenue:	\$0

Income and Poverty:

Median Household Income:	\$21,875
Median Family Income:	\$25,625
Persons Below Poverty:	26
Persons Below 125% of the Poverty Level:	36

More information can be found in the [Alaska Taxable](#).

General Services



Esri, HERE, Garmin, USGS, METI/NASA, NGA, EPA, USD...

Public Libraries**Post Offices****Health Care Safety Net
Facilities****Community Regions
Overview****Community Regional
Overview**

[Back to Table of Contents \(link available only in online story\)](#)

The map at the right shows the locations of general services in this community. Click the map icons to see more information about each facility. You can also zoom in and out, and pan across the map to find other nearby facilities.

HEALTHCARE:

There are no healthcare facilities data for this community.

POST OFFICES:

There are no post offices operating in Clark's Point.

PUBLIC LIBRARIES:

There are no public libraries in Clark's Point.

Utilities



Solid Waste Sites

-  Undefined
-  Active
-  Closed
-  Inactive
-  Removed
-  Retired
-  Under Construction

Electric Utilities by Power Source

-  Hydropower, Diesel Generator
-  Wind turbine
-  Intertie
-  Diesel generator
-  Hydropower
-  Wind turbine, Diesel generator
-  Natural Gas
-  Coal
-  Hydropower, Wind Turbine
-  others

Alaska Power Cost Equalization (PCE) Program



Total kWh Eligible for PCE Credit

-  4,500,000 - 9,500,000 kWh
-  1,700,000 - 4,500,000 kWh
-  600,000 - 1,700,000 kWh
-  18,514 - 600,000 kWh







Alaska Bulk Fuel Inventory**Alaska Wind Energy Projects**

-  Installed and commissioned
-  Pre-construction project funded
-  Under construction






Active Public Water System Source Locations

-  Community Water System (C)
-  Non-Transient Non-Community Water System (NTNC)
-  Non-Community Water System (NC)

Alaska Water Treatment Systems

-  Groundwater
-  Groundwater under the direct influence of surface water
-  Not listed
-  Purchased treated water
-  Surface water
-  Surface water maintaining filtration avoidance criteria under 18 AAC 80.620



Alaska Wastewater Treatment

-  1
-  2
-  3
-  3
-  4
-  Stabilization Pond

Alaska Wastewater Collection Systems

-  1
-  2
-  3
-  4

Alaska Water Distribution Systems

-  Yes
-  No

Community Regions Overview

Community Regional Overview

□

[Back to Table of Contents \(link available only in online story\)](#)

Solid Waste:

[Click here \(link available only in online story\)](#) to only show landfills and solid waste sites in and around this community.

PCE Program:

This community is not part of the Alaska Energy Authority's [Power Cost Equalization](#) program.

Power Source(s): (link available only in online story)

Power source data is currently unavailable for this community.

DCRA Fuel Survey:

Fuel Delivery Method: No fuel delivery method data available.

This community is not one of the communities tracked by the [DCRA Fuel Survey](#).

For information on bulk fuel storage and loans, see [the Alaska Bulk Fuel Inventory](#).

Water and Wastewater:

Water Treatment: (link available only in online story)

Water treatment information is unavailable for this community.

Water Distribution: (link available only in online story)

Water distribution data is unavailable for this community.

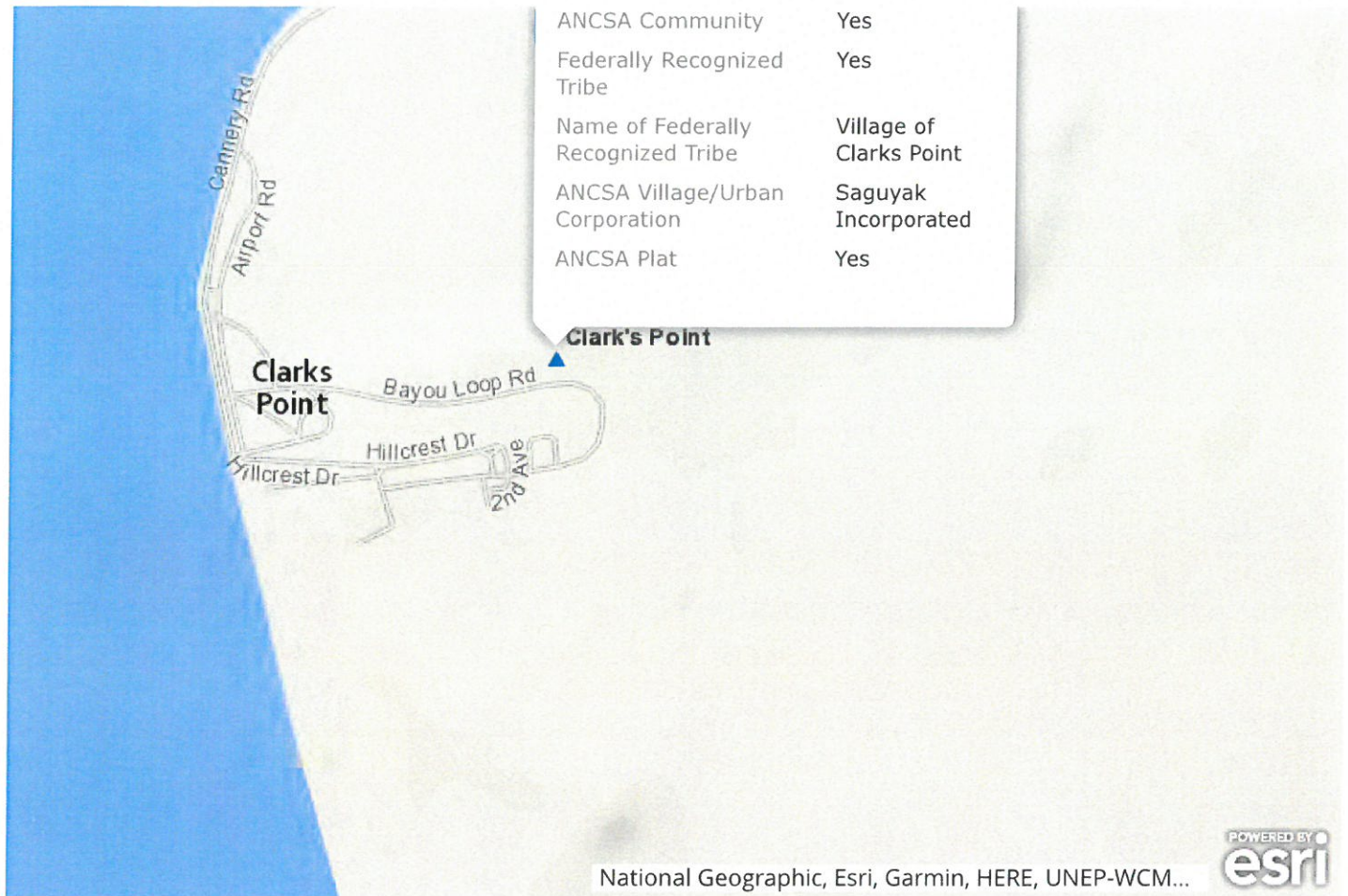
Wastewater Collection: (link available only in online story)

Wastewater collection information is unavailable to this community

Wastewater Treatment: (link available only in online story)

Wastewater treatment data is currently unavailable for this community.

ANCSA



ANCSA 14c Plats

ANCSA Communities

- ▲ ANCSA 14c Plat Recorded for Community
- No ANCSA 14c Plat Recorded for Community

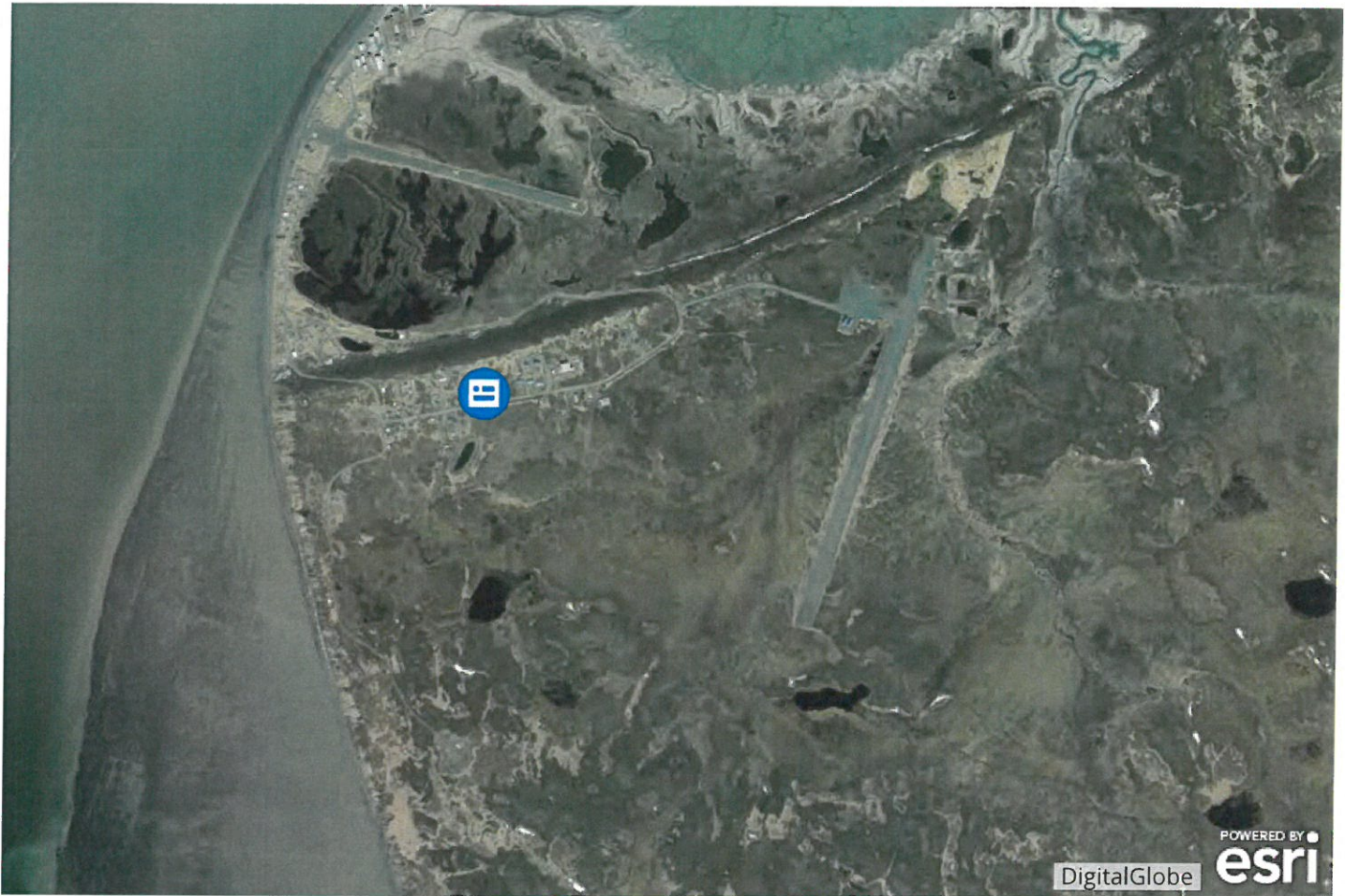
[Back to Table of Contents \(link available only in online story\)](#)

The Alaska Native Claims Settlement Act (ANCSA), enacted into law on December 18, 1971, was intended to settle outstanding land claims and establish clear title to Alaska's land and resources. The Act established regional and village corporations. The village corporations received title to the surface estate in and around the village, subject to valid existing rights, as identified in Section 11 of the Act, as amended. Section 14(c)(3) provides that the village corporation shall convey to a municipal corporation (city), or the state in trust, lands identified for present and future community needs. The resources shown below are provided to assist communities with planning for, and carrying out, land conveyances under ANCSA 14(c)(3)

Clark's Point ANCSA Regional Corporation: Bristol Bay Native Corporation

More information about ANCSA 14(c)3 Land Conveyances can be found [here](#).

Contacts



Municipality Contacts



City Boundary



[Back to Table of Contents \(link available only in online story\)](#)

There is no available municipality contact information for this community.

Federally Recognized Tribe Contact Information:

Clark's Point is not currently served by a federally recognized tribe.

Native Village Corporation Contact Information:

There is no native village corporation contact information for this community.

Contact information last updated on 01/31/2019.

To find all community contacts and to download mailing labels visit the [Contacts Directory](#).

Business Licenses

Department of Commerce, Community, and Economic Development
DIVISION OF CORPORATIONS, BUSINESS &
PROFESSIONAL LICENSING

[State of Alaska](#) / [Commerce](#) / [Corporations, Business, and Professional Licensing](#) / [Search & Database Download](#) / [Business License](#)

SEARCH BUSINESS LICENSES

License #:	<input type="text"/>	<input type="checkbox"/> Current Only
Business Name:	<input type="text"/>	
Owner Entity Name:	<input type="text"/>	
Owner Last Name:	<input type="text"/>	
Owner First Name:	<input type="text"/>	
City:	<input type="text"/>	
Line Of Business:	<input type="text" value="(not selected)"/>	
NAICS:	<input type="text" value=""/>	
<input type="button" value="Search"/> <input type="button" value="Reset"/>		

[Back to Table of Contents \(link available only in online story\)](#)

Active business licenses in Clark's Point:


Business license data unavailable for this community.

*This data is updated monthly. For the most up-to-date information, use the **Alaska Business Licenses search tool to the right**, or open the website in a new window: [Alaska Division of Corporations, Businesses & Professional Licensing](#)*

SECTION 2
PROJECT IDENTIFICATION

ENVIRONMENTAL ASSESSMENT

PROJECT IDENTIFICATION/CONDITIONS/FINDING

- A. City/County: Clark's Point
- Certifying Officer: Joe Daniels, UMIAQ, LLC
- Project Name: Clark's Point Rural Power System Upgrades (RPSU)
- Project Location(s) (major streets, other identification):
South of Clark's Point School and Sagayak Avenue and east of Clark's Point Community Center.
- B. Lead Agency: State of Alaska, Alaska Energy Authority/Rural Energy Group
- Address: 813 W. Northern Lights Blvd., Anchorage, AK 99503
- Project Representative: Alan Fetters
- Telephone Number: 907-771-3063
- C. Project Approval Conditions (List all mitigation measures necessary to alleviate adverse environmental impacts, and include them in the project contract as requirements.)
1. _____
 2. _____
 3. _____
 4. _____
 5. _____
- D. FINDING: The project will have a significant effect on the human environment:
☐ Yes ☒ No
- If "Yes", preparation of an Environmental Impact Statement is required.
- E. This assessment was prepared by:
- Signature  _____
- Title/Agency Senior Project Manager, UMIAQ, LLC
- Date _____

SECTION 3
PROJECT DESCRIPTION

**Project Description for
Rural Power System Upgrades
Clark's Point, Alaska**

Clark's Point is located 15 air miles south of Dillingham in Dillingham Census Area, Alaska. The community is located along Nushagak Bay, at approximately 58.834574 degrees (°) North Latitude and -158.544320° West Longitude (Section 36, Township 15 South, Range 56 West).

Clark's Point first appeared on the 1890 U.S. Census as the unincorporated Inuit village of Saguyak but did not appear again until 1930, when it returned as Clark's Point, also an unincorporated village. It was formally incorporated in 1971. According to the 2010 census there were 62 people. Over 80 percent (%) of the 62 residents of Clark's Point are Alaska Native. The primary income is commercial fishing. Clark's Point falls within the transitional climate zone, characterized by tundra interspersed with boreal forests, and weather patterns of long, cold winters and shorter, warm summers. Fog and low clouds are common during winter months. The Nushagak Bay is ice-free from June through mid-November. Clark's Point averages 44.3-inches of rain per year, 90.9-inches of snow, 146 precipitation days, average high in July is 61.2° Fahrenheit, and average low in January is 9.5° Fahrenheit.

The scope of this project is to construct a new power plant module south of Clark's Point School, west of the existing city maintenance building, and east of the community center. The module will be connected to the existing utility poles, the school, and the community center. The new power plant module will be placed on a gravel pad that the dimensions of the toe at the widest points are approximately 121.5 feet west to east and 84 feet north to south. A wind service panel, four power poles, a community feeder pole, a school feeder pole, and a wind feeder pole will be installed. The wind service panel will be approximately four (4) feet by five (5) feet. Each of the poles will be 12-inches in diameter. Repair and maintenance of the overhead electrical system in Clark's Point is also a part of this project and is expected to require one additional 12-inch diameter power pole. A waste heat line will also be installed from the new power plant module to the school and from the new power plant module to the community center. The waste heat line will be placed in a trench approximately 525 feet long.

No ground disturbance shall occur outside of the gravel pad, the wind service panel, the power poles, and the waste heat line trench, which totals approximately 9,067 square feet (0.20816 acres).

Construction of the project will begin in May 2019 and completion is set for September 2020. The construction will incorporate applicable state, federal and local regulations, and codes and standards regarding building and environmental safety. Clark's Point does not participate in the National Flood Insurance Program.

ENVIRONMENTAL ASSESSMENT

Clark's Point Rural Power System Upgrades (RPSU)


ENVIRONMENTAL REVIEW FINDING

On the basis of the environmental assessment of the above project,
I have made the following finding.

X	A FINDING OF NO SIGNIFICANT IMPACT
----------	---

I find that this project is not a major federal action which will have a significant effect on the human environment and that a request to HUD for the release of project funds will not require an Environmental Impact Statement.

8/6/2019



Joe Daniels
Senior Project Manager

UMIAQ, LLC
6700 Arctic Spur Road
Anchorage, AK 99518

Signature, Title & Address of Certifying Officer

	A FINDING OF SIGNIFICANT IMPACT
--	--

I find that this project is a major federal action which may or will have a significant effect on the human environment and that a request to HUD for the release of project funds will require an Environmental Impact Statement.

Signature, Title & Address of Certifying Officer

SECTION 5

ENVIRONMENTAL ASSESSMENT, IMPACT CATEGORIES

ENVIRONMENTAL ASSESSMENT

IMPACT CATEGORIES

Source Documentation
(Additional materials may be attached.)

Socioeconomic

Demographic/ Character Changes	1	The project will not change the character of the village.
Displacement	1	None.
Employment and Income Patterns	2	Short-term local employment may increase during construction.

Community Facilities and Services

Educational Facilities	1	No impacts to educational facilities anticipated.
Commercial Facilities	1	No impacts to commercial facilities anticipated.
Health Care	1	No impacts to health care anticipated.
Social Services	1	No impacts to social services anticipated.

Choose from the following list, as applicable, to each Impact Category and enter the appropriate number in the boxes beside each category being evaluated:

- 1 - No impact is anticipated.
- 2 - Potentially beneficial.
- 3 - Potentially adverse, requires documentation only.
- 4 - Requires mitigation.
- 5 - Requires project modification.

ENVIRONMENTAL ASSESSMENT

IMPACT CATEGORIES

Source Documentation
(Additional materials may be attached.)

Community Facilities and Services (cont.)		
Solid Waste	1	No impact to solid waste anticipated.
Waste Water	1	No impact to wastewater anticipated.
Storm Water	1	No impact to storm water anticipated. The new power plant module will be placed on a gravel pad. The gravel pad is engineered with a 2:1 slope to minimize the size of the gravel pad.
Public Safety-Police	1	No impact anticipated.
Public Safety-Fire	1	No impact anticipated.
Emergency Medical Facilities	2	Decreased risk of power outage due to new light plant. The existing power plant is no longer functional and is beyond repair.
Open Space	1	Proposed new power plant module will be constructed between south and east of existing structures. This will minimize the utility and the waste heat lines trench lengths.
Recreation	1	No impact to recreation anticipated.
Cultural Facilities	1	No impact to cultural facilities anticipated.
Transportation	1	No impact to transportation anticipated.

Choose from the following list, as applicable, to each Impact Category and enter the appropriate number in the boxes beside each category being evaluated:

- 1 - No impact is anticipated.
- 2 - Potentially beneficial.
- 3 - Potentially adverse, requires documentation only.
- 4 - Requires mitigation.
- 5 - Requires project modification.

ENVIRONMENTAL ASSESSMENT

IMPACT CATEGORIES

Source Documentation
(Additional materials may be attached.)

Natural Features

Water Resources	3	Areas of disturbance will consist of construction of the gravel pad in freshwater emergent wetlands. See attached wetlands location map. The utility poles, wind service panel, and trench will be constructed in previously disturbed areas.
Surface Water	3	Areas of disturbance will consist of construction of the gravel pad in freshwater emergent wetlands. The gravel pad is engineered with a 2:1 slope to minimize the size of the gravel pad to reduce impacts for the surrounding wetlands. See attached wetlands location map. The utility poles, wind service panel, and trench will be constructed in previously disturbed areas.
Unique Natural Features and Agricultural Lands	1	Not Applicable.
Vegetation and Wildlife	3	Areas of disturbance will consist of construction of the gravel pad in freshwater emergent wetlands. The utility poles, wind service panel, and trench will be constructed in previously disturbed areas.

Other Factors to be Considered*

Life and Safety	2	Construction of new light plant will reduce the risk of adverse impacts associated with power outages. The existing power plant is no longer functional and beyond repair.
-----------------	---	--

Choose from the following list, as applicable, to each Impact Category and enter the appropriate number in the boxes beside each category being evaluated:

- 1 - No impact is anticipated.
- 2 - Potentially beneficial.
- 3 - Potentially adverse, requires documentation only.
- 4 - Requires mitigation.
- 5 - Requires project modification.



CATEX CHECKLIST

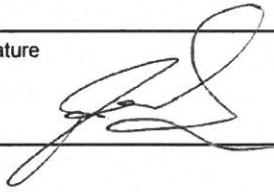
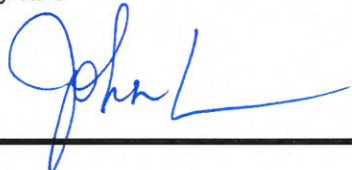
CHECKLIST OF EXTRAORDINARY CIRCUMSTANCES & SENSITIVE RESOURCES IN SUPPORT OF A CATEGORICAL EXCLUSION (CATEX) DETERMINATION FOR A DENALI COMMISSION PROJECT

Program Partner Name State of Alaska, Alaska Energy Authority/Rural Energy Group		Project Name Clark's Point Rural Power System Upgrades (RPSU)	
Location Clark's Point, Alaska	Project # UMIAQ Project #70296.19	Subproject # N/A	
Identify Categorical Exclusion The proposed project is identified in the Denali Commission list of categorical exclusions in 45 CFR Appendix A to Part 900, paragraph(s) B1 (overhead power system maintenance) and B3 (b) (power plant)			
Project Description (2-3 sentences maximum) The purpose of the project is to construct a power plant module with waste heat line and maintenance to the existing power system.			
Instructions The information you provide below will assist the Denali Commission in making its determination as to whether a Categorical Exclusion (CATEX) is appropriate or further environmental analysis is required for the proposed project. Please place a checkmark in the blank next to the numbered items indicating your response on that issue. A checkmark in the Yes block does not automatically preclude the development of the proposed project. It simply means further assessment is needed. Should you have any remarks that may indicate the need to prepare an Environmental Analysis (EA) or an Environmental Impact Statement (EIS), attach a brief explanation of the circumstances for further evaluation. Adverse affects to environmentally sensitive resources must be resolved through another environmental process, e.g., coordination or consultation under the Coastal Zone Management Act or National Historic Preservation Act, before being categorically excluded. Attachments are allowed and encouraged.			

Extraordinary Circumstances	Determination		Basis for determination
	Yes	No	
1. Public Health, Safety or Environment Will the proposed project have a reasonably likelihood of significant impacts on public health, public safety, or the environment?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The new power plant module is for the good of the community to improve the rural power system.
2. Controversy on Environmental Grounds Will the proposed project have effects on the environment that are likely to be highly controversial or involve unresolved conflicts concerning alternative uses of available resources?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Wetlands encompass most areas within Clark's Point and upgrades are not able to occur without disturbance of some wetlands. The new location is adjacent to the school and community center, minimizing utility line lengths and trench lengths for the waste heat lines. The gravel pad was engineered with a 2:1 slope to minimize the size of the gravel pad to reduce impacts to the surrounding wetlands.
3. Uncertain, Unique or Unknown Risks Will the proposed project have possible effects on the human environment that are highly uncertain, involve unique or unknown risks, or are scientifically controversial?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The project will improve the rural power system and decrease chances for power outages.
4. Precedent for Future Action Will the proposed action establish a precedent for future action or represent a decision in principle about future actions with potentially significant environmental effects?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The new power system meets required Federal and State regulations.
5. Cumulative Impacts Will the proposed project relate to other actions with individually insignificant but cumulatively significant environmental effects?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	This new power plant module will be connected to the existing utility poles, the school, and the community center.

6. Scope and Size Will the proposed project have a greater size and scope than is normal for the category of action?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The size and scope of this project is normal in relation to other Alaska communities of similar size and growth characteristics.
7. Environmental Conditions Will the proposed project have the potential to degrade already existing poor environmental conditions or to initiate a degrading influence, activity or effect in areas not already significantly modified from their natural condition?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Wetlands encompass most areas within Clark's Point and upgrades are not able to occur without disturbance of some wetlands. The new location is adjacent to the school and community center, minimizing utility line lengths and trench lengths for the waste heat lines. The majority of the utility lines and trenches will be in areas previously disturbed and within the road prism. The gravel pad was engineered with a 2:1 slope to minimize the size of the gravel pad to reduce impacts to the surrounding wetlands.
8. Environmental Justice Will the proposed project have a disproportionately high and adverse effect on low income or minority populations? Ref: Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The proposed project will not adversely affect low income or minority populations.
9. Indian Sacred Sites Will the proposed project limit access to or ceremonial use of Indian sacred sites by Indian religious practitioners or adversely affect the physical integrity of such sacred sites? (EO 13007) <i>"Indian tribe" means an Indian or Alaska Native tribe, band, nation, pueblo, village, or community that the Secretary of the Interior acknowledges to exist as an Indian tribe pursuant to Public Law No. 103-454, 108 Stat. 4791, and "Indian" refers to a member of such an Indian tribe. (EO 13007)</i> Ref: Executive Order 13007, Indian Sacred Sites	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The Alaska Historic Resources Survey (AHRS) shows all cataloged cultural resource areas outside the proposed project's Area of Potential Effects (APE).
Sensitive Resources	Impact Potential		Basis for determination
	Yes	No	
10. Section 106 Historic Properties Will the proposed project adversely affect properties in, or eligible for inclusion in, the National Register of Historic Places? Ref: National Historic Preservation Act of 1966 (16 U.S.C. 470 et seq.), as amended. (See 36 CFR 800, Protection of Historic Properties).	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The State Historic Preservation Office has issued a finding of no historic properties affected for the proposed project.
11. Endangered Species Will the proposed project adversely affect species listed, or proposed to be listed on the Endangered or Threatened Species List, or the specific critical habitat? Ref: Endangered Species Act of 1973 (16 U.S.C. 1531 et seq.), as amended. (See 50 CFR part 402).	<input type="checkbox"/>	<input checked="" type="checkbox"/>	In 2004, the USFWS completed a Section 7 review of all locations designated to receive updated bulk fuel and power system upgrades within a 5-year period. The biological opinion identified Clark' Point as one community that was not likely to adversely affect Steller's Eider.
12. Historic or Cultural Resources Will the proposed action adversely impact the historic and cultural environment of the Nation? Ref: Executive Order 11593, Protection and enhancement of the cultural environment.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	There are no known archaeological or prehistoric sites at the proposed project location. The current proposed project is not anticipated to have any adverse impacts to known cultural resources. SHPO has issued a finding of no historic properties affected for the proposed project.
13. Park, Recreation or Refuge Lands Will the proposed project have significant adverse direct or indirect effects on National or State Park, Recreation or Refuge lands?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The proposed project is not located within or adjacent to any National or State Parks, recreation lands, or refuges.

14. Wilderness Areas Will the proposed project adversely impact a wilderness area? Ref: Wilderness Act of 1964 (16 U.S.C. 1131 et seq.), as amended.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The proposed project is not located within and will not impact any wilderness areas.
15. Wild and Scenic Rivers Is the proposed project a "Water Resources Project" that will impact a wild, scenic or recreational river area and create conditions inconsistent with the character of the river? Ref: Wild & Scenic Rivers Act (16 U.S.C. 1271 et seq.), as amended.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The proposed project is not a water resources project and will not impact wild, scenic, or recreational river areas.
16. National Natural Landmarks Will the proposed project impact a National Natural Landmark? Ref: Historic Sites Act of 1935 (16 U.S.C. 461 et seq.), as amended.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Based on review of the NPS National Natural Landmarks website, the proposed project will not impact a National Natural Landmark.
17. Sole Source Aquifers If the proposed action would not have adverse effects on this resource, it may be considered that there is no Impact Potential. Ref: Safe Drinking Water Act of 1974, (42 U.S.C. 201, 300 et seq., and 21 U.S.C. 349), as amended. (See 40 CFR part 149).	<input type="checkbox"/>	<input checked="" type="checkbox"/>	According to the EPA website, as of 08/05/04, there are no sole source aquifers in Alaska.
18. Prime Farmlands Will the proposed project convert significant agricultural lands to non-agricultural uses? Ref: Farmlands Protection Policy Act of 1981 (7 U.S.C. 4201 et seq.), as amended. (See 7 CFR part 658).	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The proposed project will not convert any agricultural lands to non-agricultural uses.
19. Wetlands Will the proposed project adversely affect wetlands or will there be construction in wetlands, except in conformance with a U.S. Corps of Engineers Section 404 Permit? Ref: Executive Order 11990, Protection of Wetlands	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Wetlands encompass most areas within Clark's Point and upgrades are not able to occur without disturbance of some wetlands. USACE approved of the construction of the RPSU and issued Nationwide Permit #39 and #12 for construction within wetlands.
20. Floodplains Will the proposed project involve construction in a floodplain or impact floodplain development? Ref: Executive Order 11988, Floodplain Management	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Based on the national FEMA Flood Map Service Center, the project area has not been mapped.
21. National Monuments Will proposed project impact a National Monument?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The proposed project is not within proximity of any National Monuments.
22. Ecologically Significant or Critical Areas Will the proposed project impact an ecologically significant or critical area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The proposed project is not near any known ecologically sensitive or critical areas.
23. Other Known Reasons Is an environmental assessment required for other known reasons?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Additional Comments		
The total project footprint is approximately 0.244-acres (10,628.64 square feet).		
PREPARED BY		
Date 8/6/2019	Typed or Printed Name and Title Joe Daniels	Signature 
Organization: UMIAQ, LLC		
DENALI COMMISSION APPROVING OFFICIAL		
Based upon the categorical exclusion identified above, this completed checklist and attachments, I certify to the best of my knowledge, that the information provided above is complete and correct, and that:		
A categorical exclusion determination is appropriate for this project	Yes: <input checked="" type="checkbox"/>	No: <input type="checkbox"/>
Further environmental analysis is required	Yes: <input type="checkbox"/>	No: <input checked="" type="checkbox"/>
Date Aug 23, 2019	John Whittington Designated Approving Official	Signature 

Additional Notes and Instructions

1. The basis for determination and documentation information must be traceable and establish the factual data to support the response to each question. Types of information to be included in this column are outlined below.

Printed Materials: These are useful sources of detailed information materials such as comprehensive land use plans, zoning maps, city master plans, environmental baseline surveys, environmental assessments, environmental impact statements and studies. Information must be current and must represent accepted methodologies, i.e., not so old that changing conditions make them irrelevant. Citations for the material should include enough information so that an outside reviewer can locate the specific reference, e.g., author, document title, publication date, and page number.

Examples include the Record of Decision, Finding of Suitability to Transfer, Finding of Suitability to Lease, General Services Administration (GSA) Property Suitability Determination Form, Federal Property Information Checklist, Environmental Baseline Surveys, Preliminary Assessment Reports, Environmental Assessments, draft or final Environmental Impact Statements, and City/County master plan or zoning map.

Possible sources of the above documents include as appropriate, GSA, Department of Housing and Urban Development, the property owner, military base environmental office, local governmental organizations, local public library, and City/County planning office.

Personal Contacts: Personal contacts are useful when the individual contacted is an accepted authority on the subject(s), and the interview is documented. Supporting documentation should include the name, organization, and title of the person contacted and the date of the conversation. Examples include EPA officials, EPA hotlines, officials from state or local planning offices and environmental offices, or an environmental officer of an agency.

Site Visits: A site visit does not usually involve any testing or measurements. A site visit is an important method for initial screening of the issues, but for some of the categories it may be inadequate for final evaluation. Supporting documentation should include date of the site visit, by whom, and the supporting observation.

2. The agency must include pollution prevention considerations in the siting, design, construction, renovation, and operation of the project or facility. The questionnaire items on sedimentation and erosion control measures and storm water control plan are also pollution prevention related.

SECTION 7
STATUTORY WORKSHEET

STATUTORY WORKSHEET

For Denali Commission Funding

Use this Worksheet for projects which are Categorically Excluded, per Section 58.35. Categorically excluded activities listed at 58.35(c) need only document compliance with "*" asterisked factors below.

Kipnuk Rural Power System Upgrades (RPSU)

PROJECT NAME and DESCRIPTION (LIST ALL PROJECT ACTIVITIES):

The activities of this project are all EXEMPT OR CATEGORICALLY EXCLUDED, per Section 58.35(a)(1 through 6). Cite the applicable subsection of 58.35 in the space above and complete this Worksheet (see Instructions on reverse side), and then sign and date this form, and retain in the ERR. Write "A" in the Status Column when the project, by its nature, cannot affect the resources under consideration. Write "B" when compliance triggers formal consultation procedures with oversight agencies. Source documentation must be credible, traceable and supportive of the finding made.

Compliance Factors:

Statutes, Executive Orders, and Regulations (24 CFR 58.5)

Status
A/B

Supporting Documentation (SD)

Historic Preservation	A	No reported Alaska Heritage Resources Survey or National Register listed or eligible sites in the project area based on State Historic Preservation Office review. See Section 10.
Floodplain Management	A	Project to be constructed on a gravel pad.
Wetlands	A	Project does involve discharge of fill into wetlands. See Section 9.
Sole Source Aquifers	A	No designated Sole Source Aquifers in project area. Project requires minimal ground disturbance.
Endangered Species	A	Not likely to adversely affect species or habitat protected under the Endangered Species Act, based on US Fish and Wildlife Service Review. See Section 11.
Wild and Scenic Rivers	A	No effect to Wild and Scenic Rivers anticipated.
Air Quality	A	No impact to air quality is anticipated.
Farmland Protection	A	No Farmland in project area.
HUD ENVIRONMENTAL STANDARDS Noise Abatement and Control (24 CFR 51B)	A	No change to noise levels or location anticipated.
Explosive and Flammable Operations (24 CFR 51C)	A	N/A
• Toxic Chemicals/Radioactive Materials (HUD Notice 79-33)	A	N/A
• Airport Clear Zones and Accident Potential Zones (24 CFR 51D & 58.6(c))	A	N/A
• Flood Insurance (24 CFR 58.6(a))	A	Clark's Point does not participate in the National Flood Insurance Program.

Check the box which applies to this project:

- (X) The project converts to Exempt, per Section 58.34(a)(10), because it will not result in a violation of any statutes or authorities, nor requires a permit or license (all the statutes listed below have the letter "A" marked in the column). Funds may be drawn down for this (now) EXEMPT activity.
- () This project cannot convert to Exempt. One or more statutes require consultation or mitigation. Complete consultation/mitigation requirements, publish NOI/RROF and complete draw down procedures, per Section 58.71.
- () This project or activity may have a significant environmental impact and thus requires preparation of an Environmental Assessment. Complete the Format III form and application public notification.

PREPARER SIGNATURE:

DATE: 8/6/2019

PREPARER NAME: Joe Daniels, Senior Project Manager, UMIAC

SECTION 8

FINDING OF NO SIGNIFICANT IMPACT (FONSI)



**NATIONAL ENVIRONMENTAL POLICY ACT
 FINDING OF NO SIGNIFICANT IMPACT (FONSI)**

TO ALL INTERESTED AGENCIES, GROUPS AND PERSONS:

Project Title: Clark's Point Rural Power System Upgrades (RPSU)

Purpose of Project: Construction of a power plant module and repair and maintenance of the overhead electric utility.

Project Address, City, Country, and State: Clark's Point, Alaska

Federal Funding Source: Denali Commission

An Environmental Review Record for this project has been made by the Alaska Energy Authority (AEA) which documents the environmental review of the project and sets forth the reasons for a FONSI. This Environmental Review Record is available for public examination and copying upon request at AEA's Anchorage, Alaska office (see letterhead). No further environmental review of this project is proposed to be conducted.

AEA is certifying that its responsibilities and the responsibilities of the Federal Funding Source under the National Environmental Policy Act of 1969 have been satisfied and the project may proceed. AEA will accept an objection to its approval of this certification if it is on one of the following bases: a) That the certification was not in fact executed by the certifying officer(s); b) That AEA has omitted one or more steps in preparing the environmental review, and that correcting the omission may result in a finding of environmental significance.

All interested agencies, groups and persons disagreeing with this decision are invited to submit written comments for consideration by AEA to its office in Anchorage, AK (see letterhead). Such written comments must be received at AEA's Anchorage, AK office not less than 15 calendar days (beginning the day after the day this Notice was published) or 18 days (if this Notice is posted instead of published). All such comments so received will be considered and AEA will not take any administrative action on the project until the comment period has ended.

Objections to this project on any basis other than those stated above will not be considered by AEA. No objections received after the comment period will be considered by AEA.

Alan Feters (907) 771-3063

(AEA Project Manager and Telephone Number)

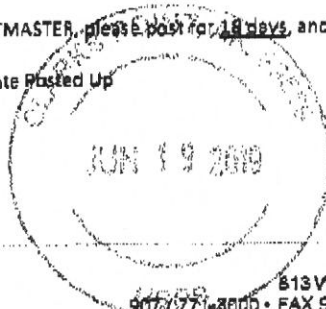
813 W. Northern Lights Blvd. Anchorage, AK 99503

(Address: City and State)

POSTMASTER, please post for 18 days, and provide two postmarks:

1) Date Posted Up

2) Date Posted Down



813 West Northern Lights Boulevard • Anchorage, Alaska 99503

907/771-3805 • FAX 907/771-3044 • Toll Free (ALASKA ONLY) 888/300-9534 • www.aidea.org

Revised 3/18/13

SECTION 9
WETLANDS PROTECTION,
U.S. ARMY CORPS OF ENGINEERS REVIEW



DEPARTMENT OF THE ARMY
ALASKA DISTRICT, U.S. ARMY CORPS OF ENGINEERS
REGULATORY DIVISION
P.O. BOX 6898
JBER, AK 99506-0898

May 7, 2019

Regulatory Division
POA-2019-00128

Umiaq Environmental
Attention: Lesa Zimnawoda
6700 Arctic Spur Road
Anchorage, Alaska 99518

Dear Ms. Zimnawoda:

This is in response to the March 5, 2019, application for a Department of the Army (DA) permit you submitted on behalf of the Alaska Energy Authority. The application is for a project to discharge 2,250 cubic yards of fill into 0.244-acres of Palustrine Emergent wetlands in order to construct a pad for power plant, associated transmission lines, and heat recovery lines. It has been assigned the number POA-2019-00128, Nushagak Bay which should be referred to in all future correspondence with this office. The project site is located within Section 36, T. 15 S., R. 56 W., Seward Meridian; USGS Quad Map Nushagak Bay D-2; Latitude 58.834574° N., Longitude 158.544320° W.; Dillingham Borough; in Clark's Point, Alaska.

We have determined the above project area contains waters of the United States (U.S.), including wetlands, under the Corps of Engineers (Corps) regulatory jurisdiction.

DA permit authorization is necessary because your project will involve work in and the discharge of fill material into waters of the U.S. under our regulatory jurisdiction. Specifically, the work would involve:

- a. Discharge of up to 2,249 cubic yards of fill into 0.204 acres of Palustrine Emergent wetlands;
- b. The temporary impacts of trenching and backfilling to install 190 linear feet of heat recovery lines through Palustrine Emergent wetland;
- c. Discharge of one cubic yard of fill into 36 square feet of Palustrine Emergent wetlands for the placement of utility poles and their associated anchoring systems.

Based upon the information and plans you provided, we hereby verify that the work described under item "a and b" above, which would be performed in accordance with the enclosed plan (sheets 1-6), dated March 28, 2019, is authorized by Nationwide Permit (NWP) No. 39, Commercial and Institutional Developments. Additionally, the work described under item "c" above, which would be performed in accordance with the enclosed plan (sheets 1-6), dated March 28, 2019, is authorized by NWP No. 12, Utility Line Activities.

NWP's No. 12 and No. 39 and their associated Regional and General Conditions can be accessed at our website at www.poa.usace.army.mil/Missions/Regulatory/Permits. Regional Condition C applies to your project and covers Activities Involving Trenching. You must comply with all terms and conditions associated with NWPs No. 12 and No. 39.

Further, please note General Condition 30 requires that you submit a signed certification to us once the project is completed. Enclosed is the form for you to complete and return to us.

This verification is valid until the NWP's are modified, reissued, or revoked. All of the existing NWPs are scheduled to be modified, reissued, or revoked prior to March 19, 2022. It is incumbent upon you to remain informed of changes to the NWPs. We will issue a public notice when the NWPs are reissued.

Please contact me via email at joahua.h.moffi@usace.army.mil, by mail at the address above, by phone at (907) 753-2708, or toll free from within Alaska at (800) 478-2712, if you have questions or to request paper copies of the regional and/or general conditions. For additional information about our Regulatory Program, visit our web site at www.poa.usace.army.mil/Missions/Regulatory.

Sincerely,

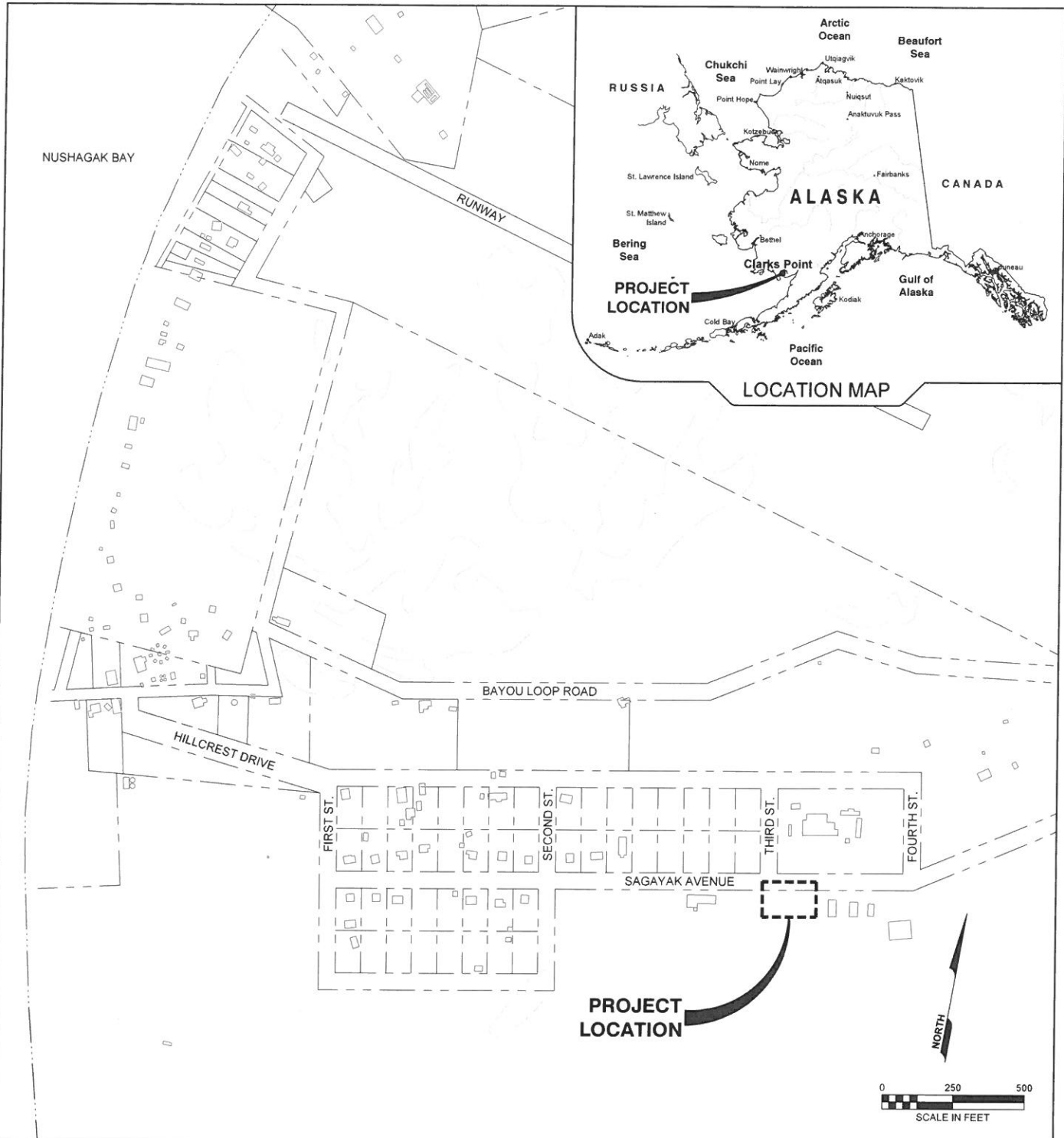


Joshua Moffi
Regulatory Specialist

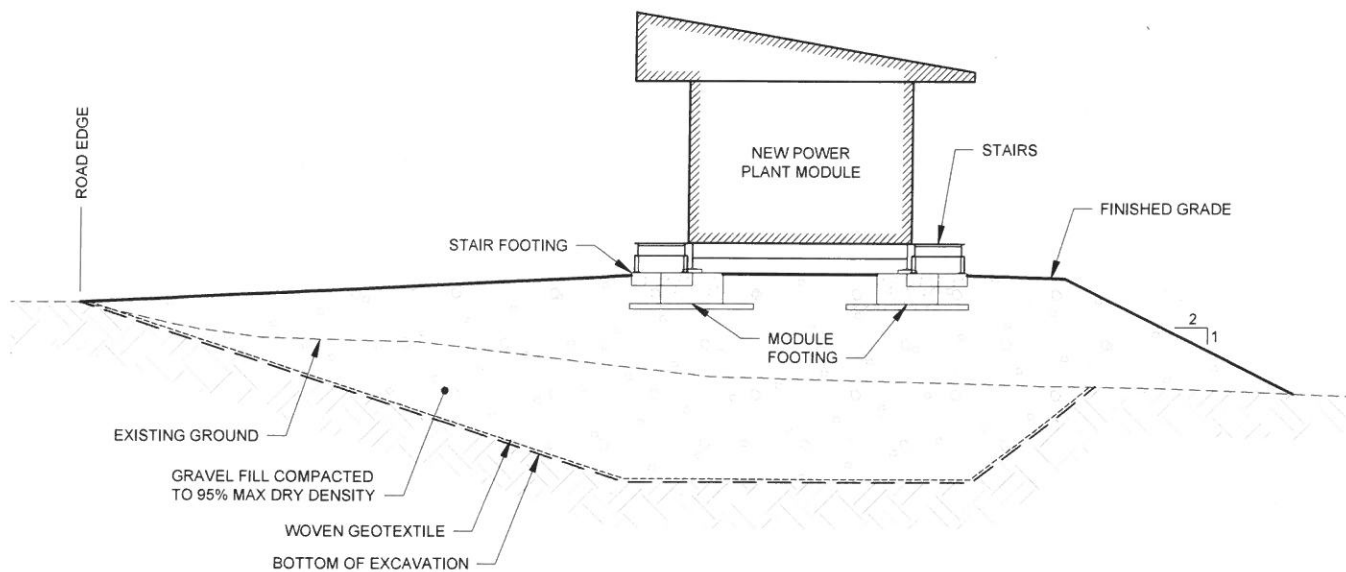
Enclosures:

Drawings dated February 28, 2019
Regional Conditions
US Army Corp of Engineers Self Certification
Form

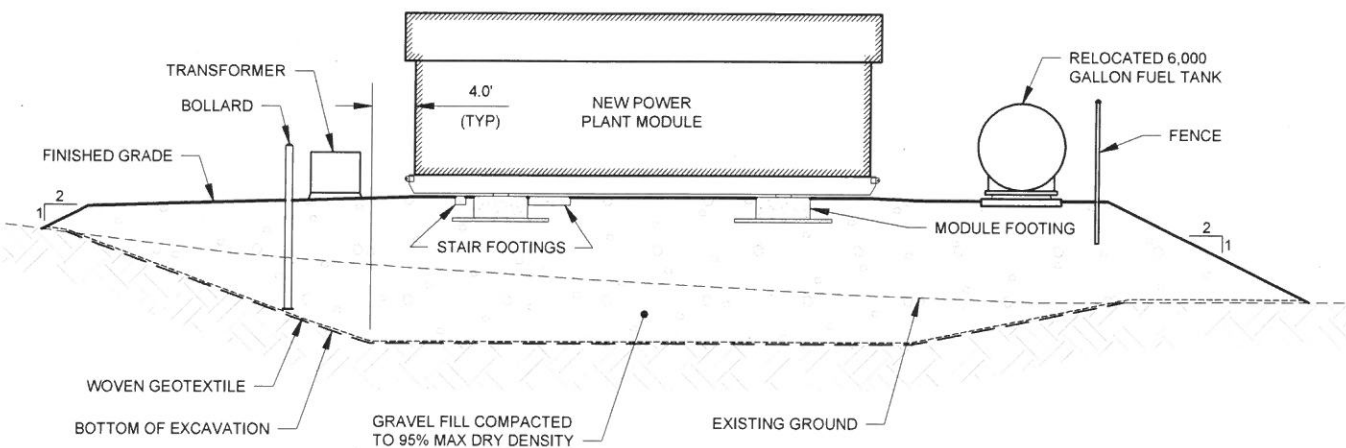
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PURPOSE: POWER SYSTEM UPGRADE	LOCATION MAP APPLICANT/AGENT: CLARK'S POINT, ALASKA ALASKA ENERGY AUTHORITY AGENT: UMIAQ LLC 6700 ARCTIC SPUR ROAD ANCHORAGE, ALASKA 99516	STATE OF ALASKA, AIDEA/AEA RURAL POWER SYSTEM UPGRADE T15S, R56W, SEC 36 DATE: 02/28/2019 SHEET: 1 OF 6
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1
FIG 3 **TYPICAL GRAVEL PAD SECTION**
SCALE: N.T.S.



2
FIG 3 **TYPICAL GRAVEL PAD SECTION**
SCALE: N.T.S.

PURPOSE:
POWER SYSTEM UPGRADE

GRAVEL PAD SECTIONS

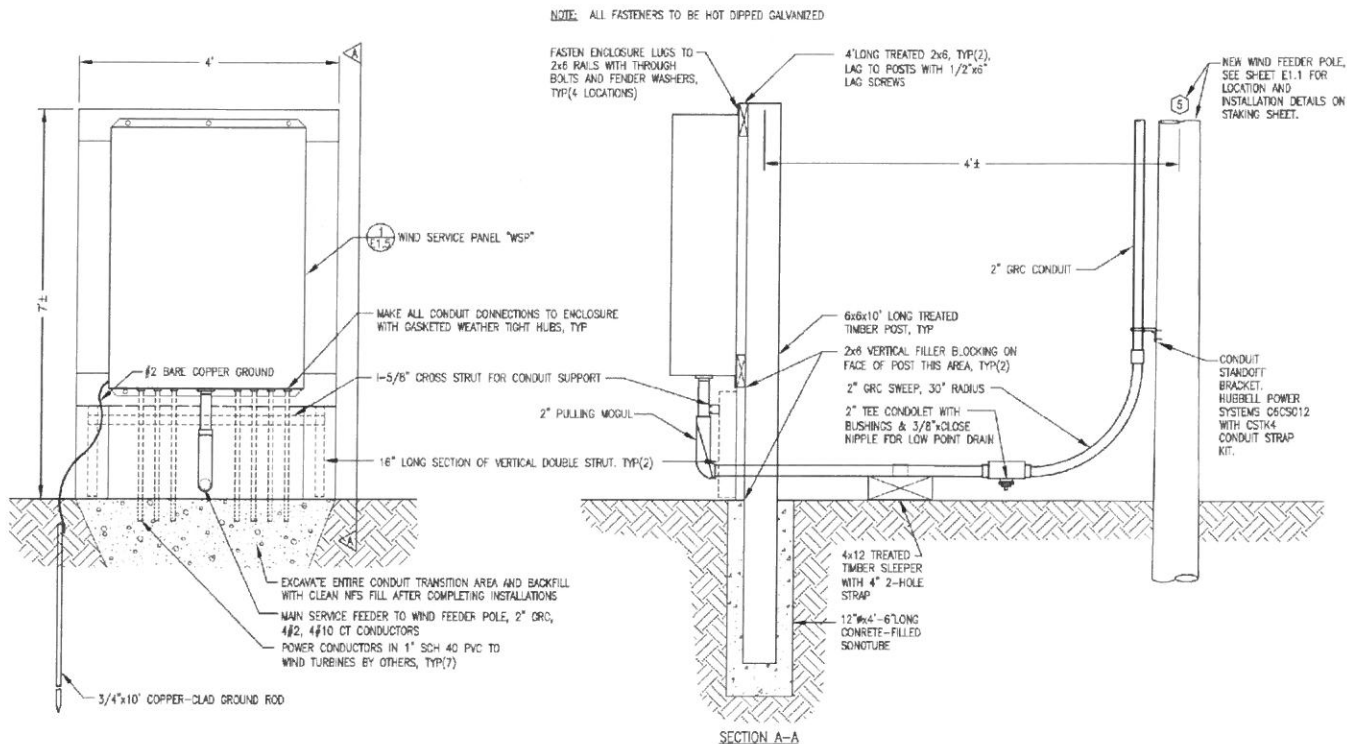
APPLICANT/AGENT:
CLARK'S POINT, ALASKA
ALASKA ENERGY AUTHORITY

AGENT:
UMIAQ LLC
6700 ARCTIC SPUR ROAD
ANCHORAGE, ALASKA 99516

STATE OF ALASKA, AIDEA/AEA
RURAL POWER SYSTEM UPGRADE

T15S, R56W, SEC 36

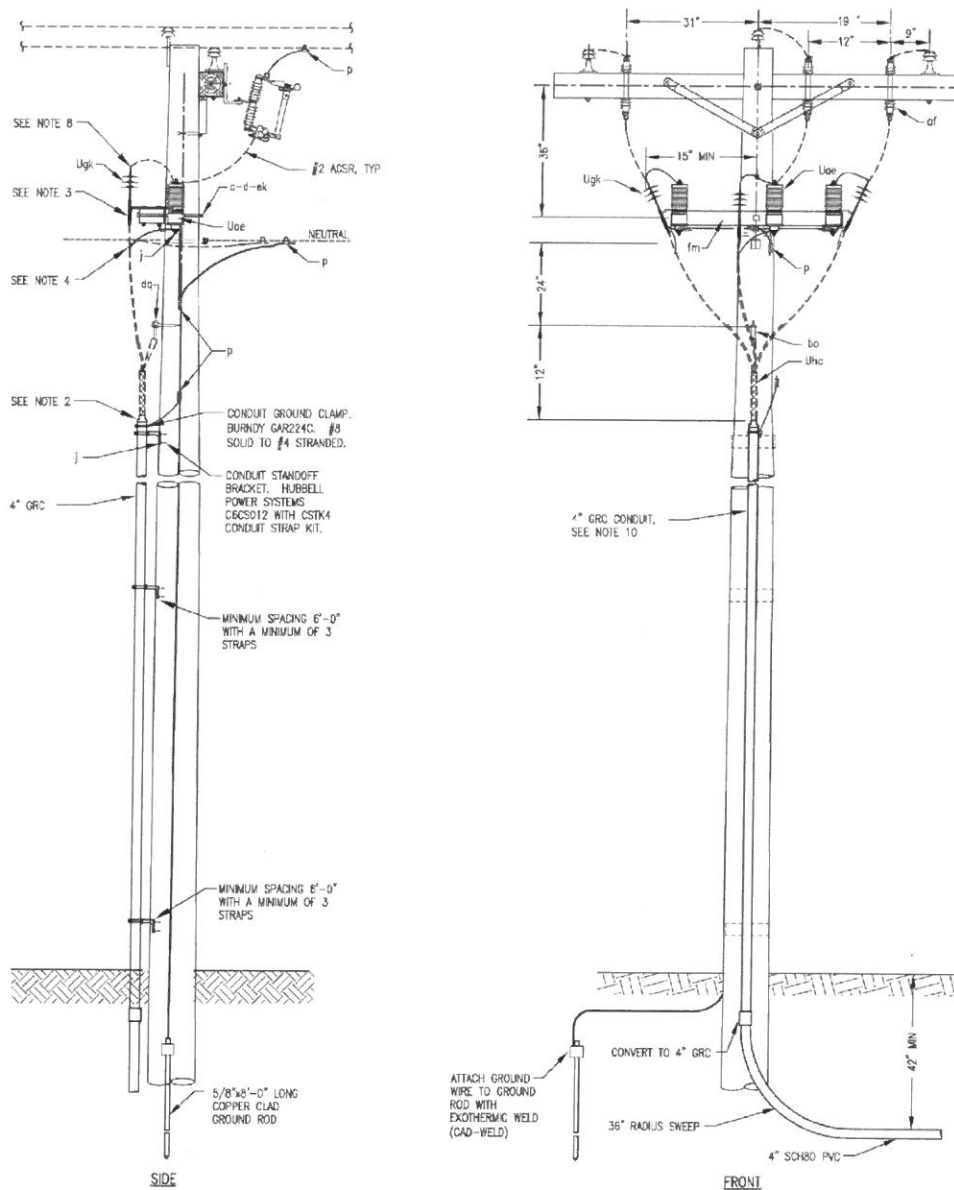
DATE: 02/28/2019 SHEET: 3 OF 6



1 WIND FEEDER POLE & SERVICE PANEL DETAIL
FIG 4 SCALE: N.T.S.

PURPOSE: POWER SYSTEM UPGRADE	FEEDER POLE DETAILS	STATE OF ALASKA, AIDEA/AEA RURAL POWER SYSTEM UPGRADE	
	APPLICANT/AGENT: CLARK'S POINT, ALASKA ALASKA ENERGY AUTHORITY AGENT: UMIAQ LLC 6700 ARCTIC SPUR ROAD ANCHORAGE, ALASKA 99516	T15S, R56W, SEC 36 DATE: 02/28/2019 SHEET: 4 OF 6	

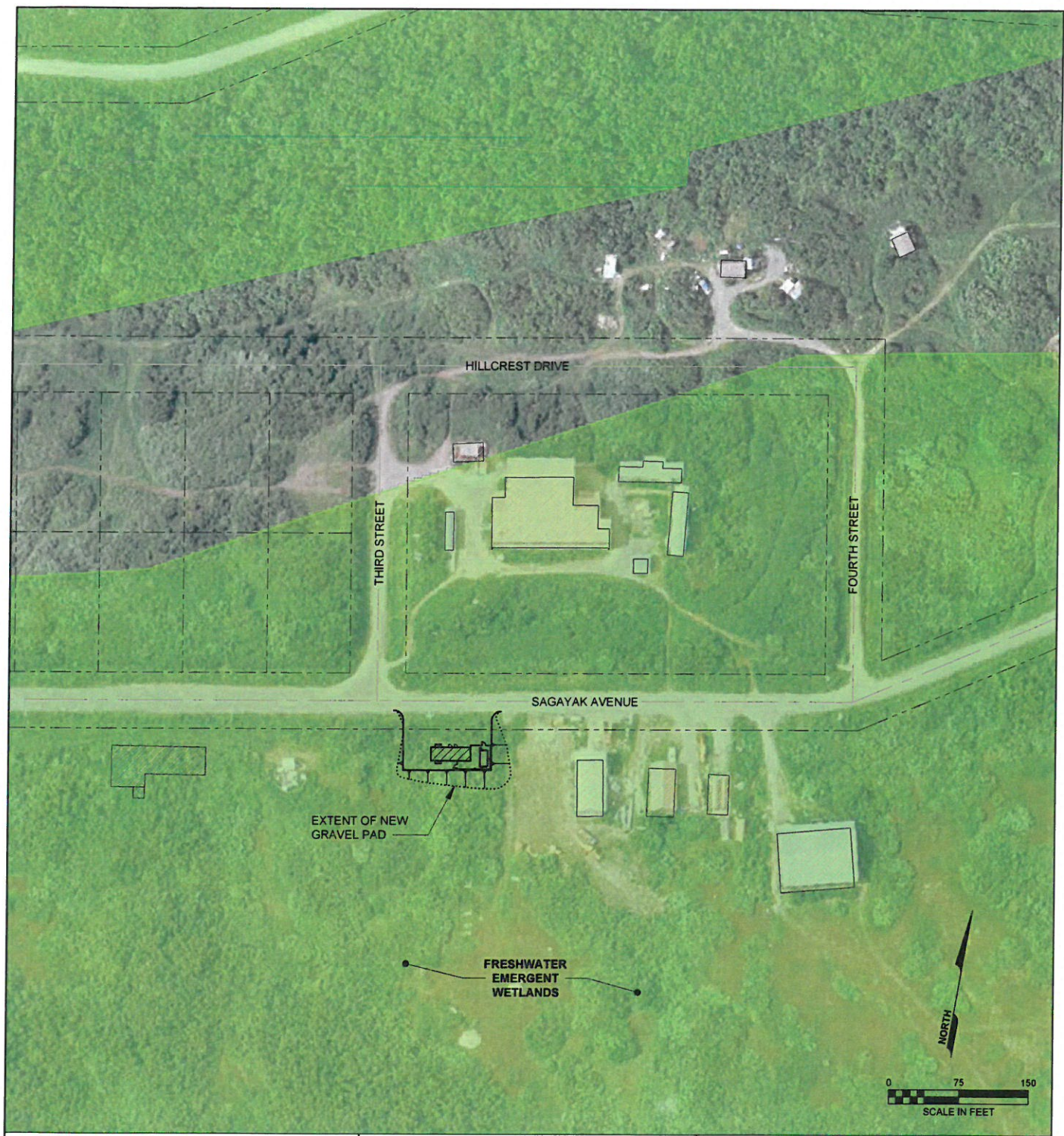
FILE: M:\Design\Engineering\PROJECTS\70256-19 Clark's Point RPS\Utility\7294a 19 Frame 4 & 5 Utility Pole Details.dwg
 PRINTED: 02/28/2019 10:30 wed, vllmms LAYOUT: Figure 5 SHEETS: 70256-19 TITLEBLOCK DWG IMAGES: None



1
FIG 5 **SCALE: N.T.S.** **COMMUNITY FEEDER POLE DETAIL**

PURPOSE: POWER SYSTEM UPGRADE	FEEDER POLE DETAILS APPLICANT/AGENT: CLARK'S POINT, ALASKA ALASKA ENERGY AUTHORITY AGENT: UMIAQ LLC 6700 ARCTIC SPUR ROAD ANCHORAGE, ALASKA 99516	STATE OF ALASKA, AIDEA/AEA RURAL POWER SYSTEM UPGRADE T15S, R56W, SEC 36 DATE: 02/28/2019 SHEET: 5 OF 6
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PURPOSE: POWER SYSTEM UPGRADE	WETLANDS MAP	STATE OF ALASKA, AIDEA/AEA RURAL POWER SYSTEM UPGRADE	
	APPLICANT/AGENT: CLARK'S POINT, ALASKA ALASKA ENERGY AUTHORITY AGENT: UMIAQ LLC 6700 ARCTIC SPUR ROAD ANCHORAGE, ALASKA 99516	T15S, R56W, SEC 36 DATE: 02/28/2019	SHEET: 6 OF 6

Proposed 2017 Regional Conditions

REGIONAL CONDITION A - Additional Pre-Construction Notification (PCN) Requirements¹

1. NWP 13, Bank Stabilization: In addition to the PCN requirements specified by NWP 13, a PCN is required for proposed bank stabilization projects in fresh water when the proposed methods and techniques are not included in Streambank Revegetation and Protection: A Guide for Alaska Revised 2005 (Walter, Hughes and Moore, April 2005) (Guide) or its future revisions.

The Guide is available at <http://www.adfg.alaska.gov/index.cfm?adfg=streambankprotection.main>

Applicants proposing bank stabilization projects in fresh water using methods and techniques not contained in the Guide must include an alternatives analysis in the PCN. The alternatives analysis must identify the bioengineered methods and techniques that were considered and provide a rationale as to why those methods or techniques were not included in the applicant's preferred alternative. Applicants who must submit a PCN due to their proposed use of a design that does not include methods or techniques from the Guide are encouraged to include measures that minimize impacts to the aquatic environment including methods that improve fish habitat such as vegetated riprap.

2. Proposed projects that qualify for NWPs 12, 13, 14 and 18 within the Municipality of Anchorage require a PCN

¹ Where required by the terms of the NWP or Regional Condition A, a prospective permittee must notify the district engineer by submitting a preconstruction notification (PCN) as early as possible. See General Condition 32 of the NWPs for the contents of the PCN or visit www.poa.usace.army.mil/reg/NWPs.

REGIONAL CONDITION B - General Permit Agency Coordination

The Corps shall coordinate with applicable federal and state agencies, local governments, and federally recognized tribal governments when proposed projects are located within high value wetlands (as determined by a local government mapping effort), within an anadromous stream or lake, or within 500 feet of an anadromous stream or lake. When coordination is required under another federal act, the Corps will coordinate solely with the state or federal agency responsible for the act. The Agency will have 10 days to provide comment, and may request an extension to this time of up to 15 days (for a total of 25 days).

REGIONAL CONDITION C - Activities Involving Trenching

Trenches may not be constructed or backfilled in such a manner as to drain waters of the U.S. (e.g., backfilling with extensive gravel layers, creating a French drain effect). Ditch plugs or other methods shall be used to prevent this situation.

Except for material placed as minor trench over-fill or surcharge necessary to offset subsidence or compaction, all excess materials shall be removed to a non-wetland location. The backfilled trench shall achieve the pre-construction elevation, within a year of disturbance unless climatic conditions warrant additional time. The additional time must be approved by the Corps.

Excavated material temporarily sidecast into wetlands shall be underlain with geotextile, ice pads, or similar material, to allow for removal of the temporary material to the maximum extent practicable.

Revegetation of the trench should follow the process outlined in Regional Condition D.

REGIONAL CONDITION D - Site Restoration for Projects with Ground Disturbing Activities

To prevent erosion, disturbed areas shall be stabilized immediately after construction. Revegetation of the site shall begin as soon as site conditions allow and in the same growing season as the disturbance unless climatic conditions warrant additional time. Additional time must be approved by the Corps. Native vegetation and topsoils removed for project construction shall be stockpiled separately and used for site rehabilitation. Except in areas of top soil excavation, excavated soils shall be sorted into mineral subsoils and topsoil, and stored separately. Topsoil is defined as the upper, outermost layer of soil, usually the top two (2) to eight (8) inches. The depth of topsoil can be measured as the depth from the surface to the first densely packed layer of soil. When backfilling, topsoil shall be placed as the uppermost layer to provide a seed bed for native species. If topsoil and/or organic materials are not available from the project site for rehabilitation, other locally-obtained native materials may be used. Topsoil or organic materials (including seed) other than those that are from the project site or locally-obtained may be used only if those materials were identified in the PCN and approved in the NWP verification. Species to be used for seeding and planting shall follow this order of preference: 1) species native to the site; 2) species native to the area; 3) species native to the state.

REGIONAL CONDITION E - Delineation of Project Footprint

Prior to commencement of construction activities within waters of the U.S., the permittee shall clearly identify the permitted limits of disturbance at the project site with highly visible markers (e.g. construction fencing, flagging, silt barriers, etc.). The permittee shall properly maintain such identification until construction is complete and the soils have been stabilized. The permittee is prohibited from conducting any unauthorized Corps-regulated activity outside of the permitted limits of disturbance (as shown on the permit drawings).

REGIONAL CONDITION F - Maintenance of Hydrology Patterns

Natural drainage patterns shall be maintained using appropriate ditching, culverts, storm drain systems and other measures to prevent ponding or drying. Excessive ponding and/or dewatering of areas adjacent to fill areas shall indicate non-compliance with this condition.

REGIONAL CONDITION G - Relocation of Stream Beds

Relocated stream channels shall approximate the length, meander pattern, gradient, channel cross-section, substrate and flow velocity of the original stream channel. Relocated stream channels shall be designed and constructed to avoid excessive loss of flow through the bed or dewatering of the stream channel. The relocation of stream channels shall include establishment of an associated floodplain. The floodplain should be of similar dimension and form as the original.

REGIONAL CONDITIONS H and I APPLY TO SPECIFIC NWPs

REGIONAL CONDITION H - NWP 40 Agricultural Activities

The following activities are not authorized by NWP 40: a. Installation, placement, or construction of drain tiles, ditches, or levees; and b. Mechanized land clearing or land leveling in wetlands within 500 feet of an anadromous lake or an anadromous stream.

REGIONAL CONDITION I - NWP 44 Mining Activities

Placer mining activities are excluded from coverage by NWP 44 (Mining Activities). Placer mining may be authorized by Regional General Permit 2014-55. In Alaska, NWP 44 may only authorize the following activities:

1. Hard rock mining, not including trenching, drilling, or access road construction. Applicable to Section 404 only.
2. Temporary stockpiling of sand and gravel in waters of the U.S., limited to seasonally dewatered unvegetated sand/gravel bars. Stockpiles shall be completely removed and the area restored to pre-project contours within one year, in advance of seasonal ordinary high water events, or prior to equipment being removed from site, whichever occurs first.



**US Army Corps of Engineers
Alaska District**

Permit Number: POA-2019-00128

Name of Permittee: Alaska Energy Authority

Date of Issuance: May 7, 2019

Upon completion of the activity authorized by this permit and any mitigation required by the permit, sign this certification and return it to Mr. Joshua Moffi at the following address:

U.S. Army Corps of Engineers
Alaska District
Regulatory Division
Post Office Box 6898
JBER, Alaska 99506-0898

Please note that your permitted activity is subject to a compliance inspection by an U.S. Army Corps of Engineers representative. If you fail to comply with this permit you are subject to permit suspension, modification, or revocation.

I hereby certify that the work authorized by the above-referenced permit has been completed in accordance with the terms and conditions of the said permit, and required mitigation was completed in accordance with the permit conditions.

Signature of Permittee

Date